Message

From: Breen, Barry [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1B44BCE1A71E4A95ACAF82F2FBC858B0-BBREEN]
Sent: 8/4/2021 9:31:03 PM
To: Faith Williams [bncbreen@aol.com]
Subject: FW: cheat sheet for Oak Ridge risk based discharge limits
Attachments: fed fac Oak Ridge cheat sheet 8.4.21.docx

Importance: High

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Wednesday, August 04, 2021 12:21 PM
To: Waterhouse, Carlton <Waterhouse.Carlton@epa.gov>; Breen, Barry <Breen.Barry@epa.gov>
Cc: Goldberg, Ruby <Goldberg.Ruby@epa.gov>; Hilosky, Nick <Hilosky.Nick@epa.gov>
Subject: cheat sheet for Oak Ridge risk based discharge limits
Importance: High

Hello Carlton and Barry,

Per your request from our discussion on July 30, I am attaching a cheat sheet on the Oak Ridge risk assessment regarding discharge limits into Bear Creek. I have broken the cheat sheet into 2 parts:

1. **Issues with DOE Discharge Limits in 2021 FS Appendix K** – explains how DOE came up with proposed discharge limits in the Focused FS and why their approach is incorrect for complying with the Clean Water Act's Water Quality-Based Effluent Levels (WQBELs) as an ARAR at Bear Creek.
2. **Instructions for DOE** – provides an explanation on how DOE should develop WBELs and discharge limits for Bear Creek.
    a. **Approach** - Describes the general procedure DOE should be taking.
    b. **Methods** – Describes the input parameters DOE should be using when running the EPA PRG calculator when developing WBELs.
    c. **Results** – Provides a table of WQBEL and discharge limits I developed using the CWA methodology with the EPA PRG calculator. The table assumes that DOE does not conduct a fish consumption study to support revising the default fish consumption rate with site-specific information.

Please let me know if you have any comments or questions.